

SECRET

2210Z 24 NOV 62

25X1 DIRECTOR

FROM: [REDACTED]

THRU: OSA (1-2-3-4-5-6-7-8-9-10)

FO: S/C (11)

TOR: 2319Z 24 NOV 62

25X1
25X1 PRITY [REDACTED]

INFO

CITE [REDACTED]

25X1

NO NIGHT ACTION

1. AIRCRAFT NUMBER ONE MADE FLIGHT NUMBER FIFTY-TWO ON 24 NOV. PILOT SCHALK. TAKEOFF AT 1025 HOURS AREA TIME FOR FORTY-NINE MINUTES. GROSS WEIGHT 85,000 POUNDS WITH CG 22.2 PERCENT. PURPOSE OF FLIGHT TO CHECK AIRSTART OF J-58 FROM MACH 1.3 AT 40,000 FEET AND VARIOUS ALTITUDES AND SPEEDS DOWN TO 26,000 FEET AT MACH .60. AB TAKEOFF AND AB CLIMB, 350 KEAS TO 26,000 FEET THEN MACH .90 TO 40,000 FEET, ACCELERATED TO MACH 1.3. SHUT OFF LEFT ENGINE AS RPM STABILIZED, (STEADY WINDMILLING), MACH FELL TO 1.15, RESTART MADE SUCCESSFULLY, USED 8 SECOND DELAY ON TEB INTRODUCTION, ACCELERATED BACK TO MACH 1.3 AND FOLLOWING SAME PROCEDURE RELIT AT MACH 1.22. LEFT ENGINE SHUT OFF AGAIN AND RELIT ATTEMPT AT 1.05 MACH, HIT TEB AS SOON AS HIT SUBSONIC SPEED, PILOT ESTIMATES MACH .99, RELIT NOT SUCCESSFUL, SECOND ATTEMPT AT MACH .98 SUCCESSFUL. RELIT ATTEMPTS AT MACH .80 AND .70

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

25X1

S E C R E T

[] (IN 56796)

PAGE TWO

BOTH SUCCESSFUL, THEY COMMENCED WITH PARTIAL LIT OFFS AND
SLOW BUILD UP. ATTEMPT AT MACH .63 (266 KEAS) NOT SUCCESSFUL,
ANOTHER ATTEMPT AT MACH .65 (280 TO 285 KTS.) SUCCESSFUL.
ALL ABOVE DELAYS 8 SECONDS. TOTAL 6 SUCCESSFUL OUT OF 8
ATTEMPTS. GEAR LOWERED AT 300 KEAS FOR FILLET PRESSURE
MEASUREMENT AND RETRACTED AT 280 KEAS. LANDING NORMAL, CHUTE
BLOSSOMED AT 120 KTS, GOOD CHUTE.

5+
6+
7-
8+
6+/8L

2. NEXT SCHEDULED FLIGHT FOR NUMBER ONE IS 27 NOV. AIRSTART TESTS. AIRCRAFT NUMBER THREE DID NOT FLY TODAY DUE TO INS DIFFICULTIES. NEXT SCHEDULED FLIGHT 27 NOV.

3. ANTI-SUFFOCATION VALVE ON PRESSURE REDUCER FOR A-13 MASK RUPTURED AT TIME OF LAST AIRSTART ATTEMPT. THIS NECESSITATED RAPID REDUCTION OF ALTITUDE FOR SAFETY REASONS AND IMMEDIATE RETURN TO FIELD. OXYGEN WAS BLEEDING INTO COCKPIT AT HIGH RATE. PILOT DETERMINED THAT LEAK WAS ABOVE JUNCTION OF TWO OXYGEN HOSES, CORRECTIVE ACTION WAS TURN OFF OXYGEN SUPPLY.

END OF MESSAGE

S E C R E T